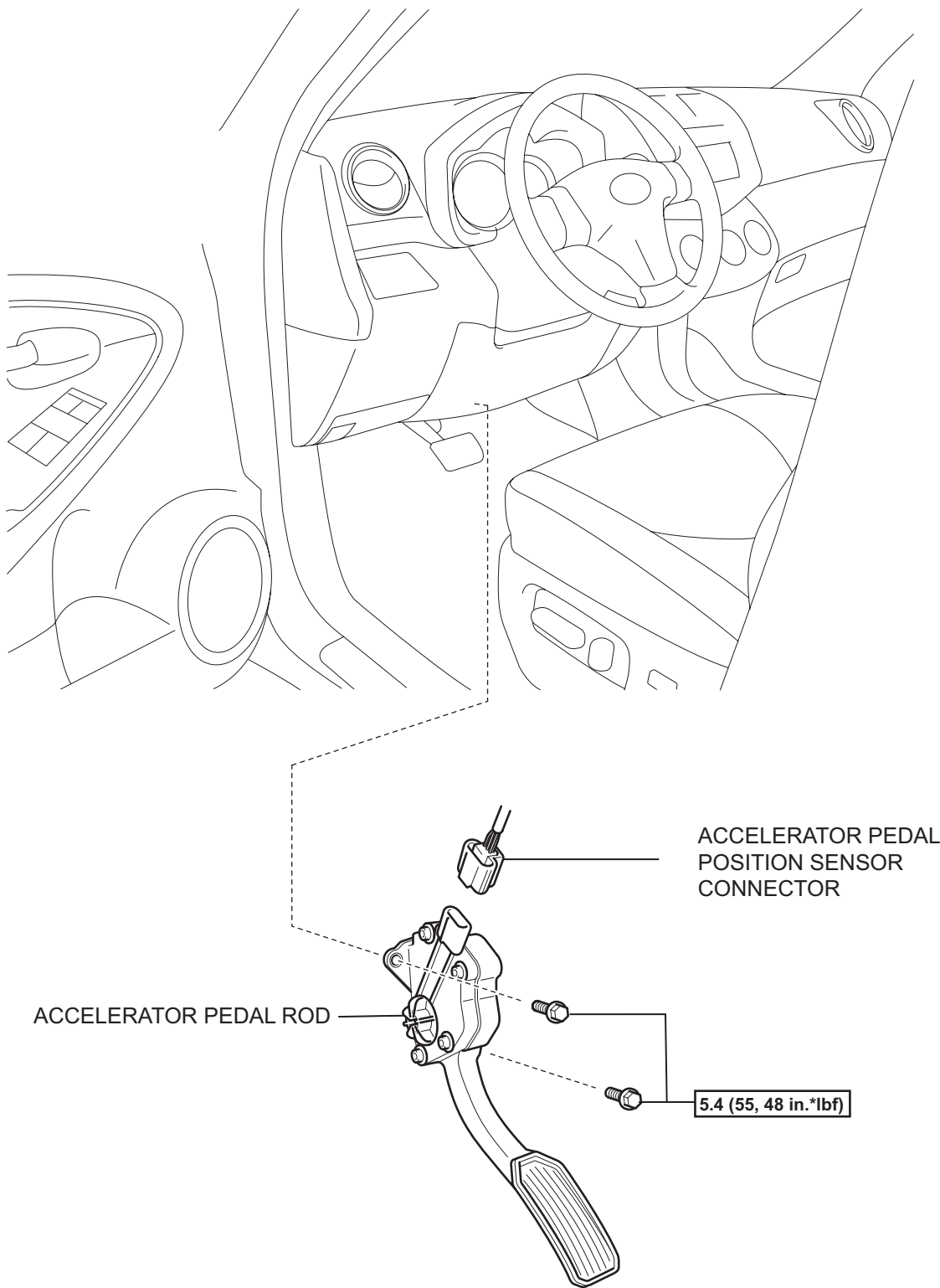


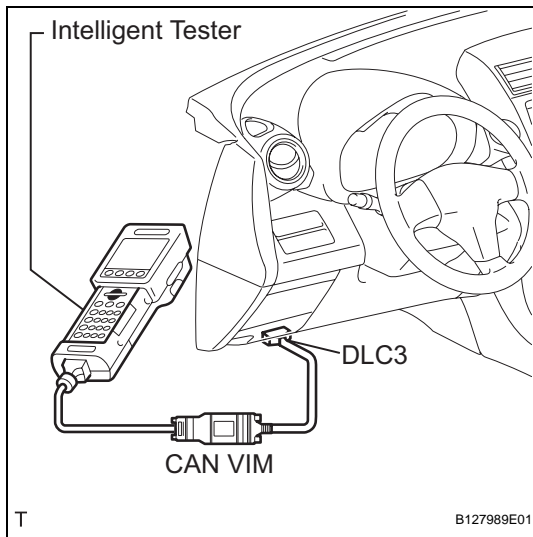
ACCELERATOR PEDAL ROD

COMPONENTS

ES



N*m (kgf*cm, ft.*lbf) : Specified torque



ON-VEHICLE INSPECTION

1. CHECK ACCELERATOR PEDAL ROD

- (a) Check the voltage.
 - (1) Connect the intelligent tester to the DLC3.
 - (2) Turn the ignition switch ON.
 - (3) Turn the intelligent tester ON.
 - (4) Select the menu items: DIAGNOSIS / ENHANCED OBD II / DATA LIST / ALL / ACCEL POS #1, ACCEL POS #2.
 - (5) Operate the accelerator pedal, and then check that the ACCEL POS #1 and ACCEL POS #2 values are within the specifications.

Standard voltage:

ACCEL POS #1

Accelerator Pedal Condition	Specified Condition
Released	0.5 to 1.1 V
Depressed	2.5 to 4.5 V

ACCEL POS #2

Accelerator Pedal Condition	Specified Condition
Released	1.2 to 2.0 V
Depressed	3.4 to 5.0 V

If the result is not as specified, check the accelerator pedal rod, wire harness or ECM.

REMOVAL

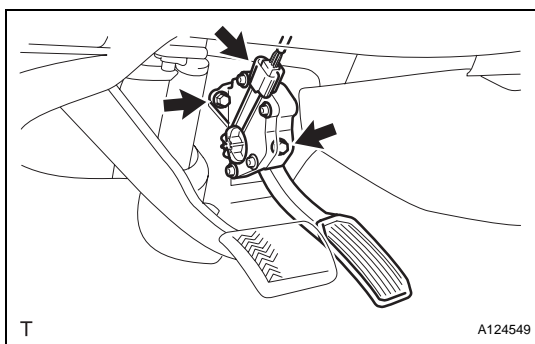
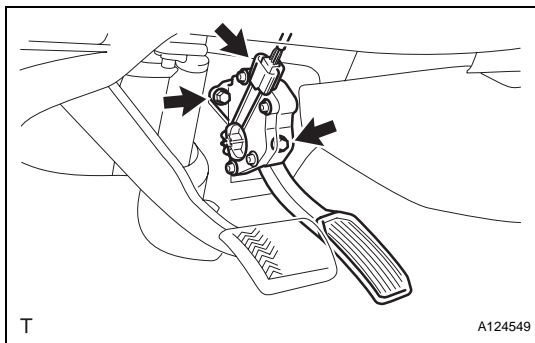
1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**

CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. **REMOVE ACCELERATOR PEDAL ROD**

- (a) Disconnect the accelerator pedal position sensor connector.
- (b) Remove the 2 bolts and accelerator pedal rod.



INSTALLATION

1. **INSTALL ACCELERATOR PEDAL ROD**

- (a) Install the accelerator pedal rod with the 2 bolts.
Torque: 5.4 N*m (55 kgf*cm, 48 in.*lbf)
- (b) Connect the accelerator pedal position sensor connector.

2. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**